

Rev 09/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Mark D. Laird, et al.
 Application No. : 10/661,739
 Filed : September 12, 2003
 Confirmation No. : 8290
 For : TRAFFIC VIOLATION DETECTION AT AN INTERSECTION
 EMPLOYING A VIRTUAL VIOLATION LINE
 Attorney's Docket : NEST-010AX

TC Art Unit: 2123

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 12-15-03.

By:



Victor B. Lebovici
 Registration No. 30,864
 Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the enclosed references listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached Information Disclosure Statement is being filed within three months of the filing date of the above identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 of the above identified application. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

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- ☒ (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- ☐ (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- ☐ (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:
- ☐ a statement under 37 CFR § 1.97(e); or
- ☐ the fee set forth in § 1.17(p).

PETITION UNDER 37 CFR § 1.97(d)

- ☐ (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e) (1)

- ☐ (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e) (2)

- ☐ (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the

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undersigned after making reasonable inquiry, no item of information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.


The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

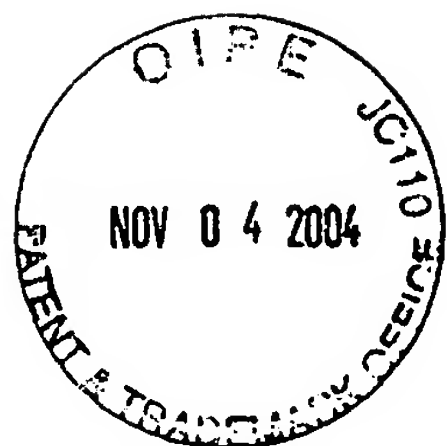
MARK D. LAIRD, ET AL.

By: 
Victor B. Lebovici
Registration No. 30,864
Attorney for Applicants

WEINGARTEN, SCHURGIN,
GAGNEBIN & LEBOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109

Telephone: (617) 542-2290
Telecopier: (617) 451-0313

Enclosure
299108



Date: December 15, 2003
Page 1 of 7

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. NEST-010AX		APPLICATION NO. 10/661,739	
				APPLICANT: Mark D. Laird, et al.			
				FILING DATE September 12, 2003		GROUP 2123	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US3,825,890	7/23/1974	Miyazata, et al.	340	40	
		US3,849,784	11/19/1974	Holzapfel	346	107	
		US4,007,438	2/8/1977	Protonantis	340	62	
		US4,774,571	9/27/1988	Mehdipour, et al.	358	108	
		US4,783,833	11/8/1988	Kawabata, et al.	382	22	
		US4,814,765	3/21/1989	DeRoche, et al.	340	915	
		US4,887,080	12/12/1989	Gross	340	937	
		US5,026,153	6/25/1991	Suzuki, et al.	356	1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		WO 9428527	12/8/94	WIPO			
OTHER DOCUMENTS <i>(including Author, Title, Date, Pertinent Pages, etc.)</i>							
		Tindall, "Application of Neural Network Techniques to Automatic License Plate Recognition," IEEE European convention on security and detection, 1995					
		St. Petersburg Times, "Put a Stop to Red Light violators," September 9, 1998					
		Star Tribune, "Many favor use of photo cop// readers say red light runners should be caught on camera," December 18, 1997					
		Rocky Mountain News, "Running red light to cost more...for some traffic violators," November 27, 1997					
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US5,063,603	11/5/1991	Burt	382	37	
		US5,099,322	3/24/1992	Gove	358	105	
		US5,122,796	6/16/1992	Beggs, et al.	340	904	
		US5,257,194	10/26/1993	Sakita	364	436	
		US5,281,949	1/25/1994	Durley, et al.	340	433	
		US5,285,523	2/8/1994	Takahashi	395	22	
		US5,291,563	3/1/1994	Maeda	382	48	
		US5,296,852	3/22/1994	Rathi	340	933	
		US5,301,239	4/5/1994	Toyama, et al.	382	1	
		US5,313,201	5/17/1994	Ryan	340	961	
		US5,332,180	7/26/1994	Peterson, et al.	246	3	
		US5,357,432	10/18/1994	Margolis, et al.	364	424.02	
		US5,375,059	12/20/1994	Kyrtsos, et al.	364	449	
		US5,375,250	12/20/1994	Van den Heuvel	395	800	
		US5,381,155	1/10/1995	Gerber	342	104	
		US5,390,118	2/14/1995	Margolis, et al.	364	424.02	
		US5,390,125	2/14/1995	Sennott, et al.	364	449	
		US5,402,118	3/28/1995	Aoki	340	937	
		US5,404,306	4/4/1995	Mathur, et al.	364	436	
		US5,408,330	4/18/1995	Squicciarini, et al.	358	335	
EXAMINER				DATE CONSIDERED			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US5,416,711	5/16/1995	Gran, et al.	364	436	
		US5,434,927	7/18/1995	Brady, et al.	382	104	
		US5,448,484	9/5/1995	Rullock, et al.	364	436	
		US5,457,439	10/10/1995	Kuhn	340	435	
		US5,465,118	11/7/1995	Hancock, et al.	348	396	
		US5,467,402	11/14/1995	Okuyama, et al.	382	104	
		US5,590,217	12/31/1996	Toyama	382	104	
		US5,610,660	3/11/1997	Hamano, et al.	348	423	
		US5,617,086	4/1/1997	Klashinsky, et al.	340	907	
		US5,687,717	11/18/1997	Halpern, et al.	128	630	
		US5,708,469	1/13/1998	Herzberg	348	39	
		US5,729,216	3/17/1998	Sasaki, et al.	340	937	
		US5,829,285	11/3/1998	Wilson	70	226	
		US5,948,038	9/7/1999	Daly, et al.	701	117	
		US5,963,204	10/5/1999	Ikeda, et al.	345	328	
		US5,999,877	12/7/1999	Takahashi, et al.	701	117	
		US6,067,075	5/23/2000	Pelanek	345	158	
		US6,069,655	5/30/2000	Seeley, et al.	348	154	
		US6,075,466	6/13/2000	Cohen, et al.	340	933	
		US6,091,857	7/18/2000	Shaw, et al.	382	251	
EXAMINER				DATE CONSIDERED			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. NEST-010XX		APPLICATION NO. 10/661,739	
				APPLICANT: Mark D. Laird, et al.			
				FILING DATE September 12, 2003		GROUP 2123	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US6,202,073	3/13/2001	Takahashi	707	517	
		US6,269,399	7/31/2001	Dyson, et al.	709	224	
		US6,330,369	12/11/2001	Cornog, et al.	382	251	
		US6,366,222	4/2/2002	Russell, Jr.	340	933	
		US5,459,665	10/17/1995	Hikita, et al.	364	437	
		US5,474,266	12/12/1995	Koglin	246	111	
		US5,483,446	1/9/1996	Momose, et al.	364	424.01	
		US5,495,243	2/27/1996	McKenna	340	902	
		US5,509,082	4/16/1996	Toyama, et al.	382	104	
		US5,535,314	7/9/1996	Alves, et al.	395	131	
		US5,809,161	9/15/1998	Auty, et al.	382	104	
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Form PTO-1449 (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. NEST-010AX		APPLICATION NO. 10/661,739	
				APPLICANT: Mark D. Laird, et al.			
				FILING DATE September 12, 2003		GROUP 2123	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
		3,613,073	10/12/71	Eugene Emerson Clift	340	31A	
		3,731,271	5/1/73	Akira Muramatu, et al.	340	41	
		5,444,442	8/22/95	Mareo Sadakata, et al.	340	916	
		5,777,564	7/7/98	Edward L. Jones	340	917	
		5,977,883	11/2/99	William H. Leonard, et al.	340	906	
		6,008,741	12/28/99	Masahiko Shinagawa, et al.	340	907	
		3,149,306	9/15/64	John C. Leshner	340	41	
		3,196,386	7/20/65	Bruno Rossi, et al.	340	31	
		3,302,168	1/31/67	George W. Gray, et al.	340	31	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED
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Date: December 15, 2003

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Form PTO-1449 (REV. 8-83)				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. NEST-010AX		APPLICATION NO. 10/661,739	
				APPLICANT Mark D. Laird, et al.					
				FILING DATE September 12, 2003		GROUP 2123			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*		
		3,689,878	9/5/72	Keith L. Thieroff	340	31R			
		3,693,144	9/19/72	Milton Friedman	340	37			
		3,810,084	5/7/74	Harold C. Hoyt, Jr.	340	41R			
		3,858,223	12/31/74	Jurgen Holzapfel	346	107VP			
		3,866,165	2/11/75	Herbert Maronde, et al.	340	31C			
		3,885,227	5/20/75	Friedrich-Gerhard Moissl	340	41R			
		3,886,515	5/27/75	Jean Cottin, et al.	340	23			
		3,920,967	11/18/75	Daniel T. Martin, et al.	235	150.24			
		3,921,127	11/18/75	Narbais-Jaureguy, et al.	340	32			
		4,122,523	10/24/78	Charles W. Morse, et al.	364	436			
		4,200,860	4/29/80	George H. Fritzinger	340	43			
		4,228,419	10/14/80	George P. Anderson	340	32			
		4,361,202	11/30/82	Michael Minovitch	180	168			
		4,371,863	2/1/83	George H. Fritzinger	340	43			
		4,401,969	8/30/83	Gordon J. Green, et al.	340	41R			
		5,164,998	11/17/92	Roger A. Reinsch	382	65			
		5,278,554	1/11/94	Louis L. Marton	340	910			
		5,283,573	2/1/94	Masao Takatou, et al.	340	937			
		5,339,081	8/16/94	Brian Jefferis, et al.	342	28			
		5,345,232	9/6/94	Michael T. Robertson	340	906			
		5,387,908	2/7/95	Edgeton Henry, et al.	340	916			
		5,440,109	8/8/95	Bernhard Hering, et al.	235	384			
		5,444,442	8/22/95	Mareo Sadakata, et al.	340	916			
EXAMINER					DATE CONSIDERED				
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[illegible]



Applicant: Mark D. Laird et al.
Title: Traffic Violation Filed: 9-12-03
Application No. 10/661,739 Patent No. _____ Docket No. NEST-0164X

Enclosed is the Following:

- | | |
|---|---|
| <input type="checkbox"/> Transmittal Letter in triplicate,
Check(s) for _____; | <input type="checkbox"/> Certificate/Letter of Correction,
Cover letter & check for _____; |
| <input type="checkbox"/> Application including Pgs. ____-____ of Spec.,
____-____ of claims and pg ____ of Abstract | <input type="checkbox"/> Notice of Appeal (In Triplicate),
Check for _____; |
| <input type="checkbox"/> Declaration and Power of Attorney,
Check(s) for _____; | <input type="checkbox"/> Petition for Extension of Time for
____ Months, Check for _____; |
| <input type="checkbox"/> Informal / Formal Drawings,
____ Sheets of Figs. ____-____; | <input type="checkbox"/> Verified Statement Claiming Small Entity Status |
| <input type="checkbox"/> Letter to Chief Draftsman; | <input type="checkbox"/> Certificate of Mailing by Express Mail |
| <input type="checkbox"/> Amend./Resp. dated _____,
Check(s) for _____; | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Information Disclosure Statement, Form 1449,
<u>100</u> refs., Check for <u>(5 enc.)</u> ; | |
| <input type="checkbox"/> Assignment; Check for _____; | |
| <input type="checkbox"/> Issue Fee; PTO Form 85B&C; Check for _____; | |

Date Mailed: 12-15-03

Date Due: _____

Initials: UBC/laf

Express Mail Receipt No. _____

Receipt Date & Application No.

